

CORRESPONDENCE CONTROL
INCOMING LTR NO.

United States Government

Department of Energy

2590 R.F. 92

Rocky Flats Office
Memorandum MAY 13 10 38 AM '92

DATE

ACTION

DIST.	LTH	ENC
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BRIVALL, G.J.		
BRP, R.D.		
BOUCHER, D.W.		
BVIS, J.G.		
ERED, J.E.	X	
ERRERA, D.W.		
ODWIN, R.		
NNI, B.J.		
ALY, T.J.		
BIG, J.G.		
KEE, E.H.		
PSH, J.M.	X	
BBY, W.A.		
REG, D.		
ESTER, A.W.		
E, E.M.		
JESTIC, J.R.		
BRX, G.E.		
ORGAN, R.V.		
ZUTO, V.M.		
OTTER, G.L.		
NDLIN, N.B.		
EPLE, R.L.		
LLIVAN, M.T.		
ANSON, E.R.		
N, K.G.		
IS.		
ANSON, R.B.		
SON, J.M.		
XING, E.R.		
NE, J.O.		

MAY 11 1992


EG&G
ROCKY FLATS PLANT
CORRESPONDENCE CONTROL

ERD:PMP:5202

Section D Categorical Exclusion (RFO/CX011-92) Determination

C. M. Borgstrom, Director Office of NEPA Oversight, EH-25, HQ

A copy of RFO/CX011-92, Tritium Monitor Replacement, is attached for your review.


Terry A. Vaeth
Manager

Attachment

cc w/Attachments:
M. Mitchell, DP-6.1
T. Pflaum, DP-9
M. Seitz, DP-6.1
S. Nesta, EG&GCORRESPONDENCE CONTROL
AFFICReviewed for Addressee
Corres. Control RFP

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DATE BY

DOCUMENT CLASSIFICATION
REVIEW WAIVER PER
CLASSIFICATION OFFICE

**SECTION D DETERMINATION
CATEGORICAL EXCLUSION (CX) DETERMINATION - RFO/CX011-92**

Proposed Action: Tritium Monitor Replacement

Location: Buildings 777 and 996, Rocky Flats Plant, Golden, Colorado

Proposed by: U.S. Department of Energy, Rocky Flats Office

Description of the proposed action:

Rocky Flats Office proposes to replace six existing stationary Johnson Tritium Detectors and eight portable tritium detectors with new models. The monitors currently in use (Johnson & Johnson Model 955B for fixed location monitoring, and Model 1055B for semi-portable location monitoring) are obsolete and uneconomical to repair. The project is needed to meet DOE Order 5480.11 and International Council on Radiological Protection Publication 30, which requires air monitoring in tritium areas for the protection of personnel and to assess worker exposure.

Six portable reentry tritium monitors would be purchased for use into buildings 777, 996 or other buildings at Rocky Flats where tritium could be found. The portable units would be used for reentry into a building if the stationary unit in the building has alarmed. The portable units currently in use are heavy, cumbersome and function more as replacements for the stationary instruments than as portable reentry units. Their use is marginal for reentry of a building where a stationary alarm has sounded or for other strictly portable applications.

The six obsolete stationary monitors would be replaced by five new monitors with chart recorders in buildings 777 and 996. Four of the fixed units would be mounted in building 777, and one fixed unit would be mounted in the 996 tunnel. All of the monitors would interface with the existing building alarm system. Installation of the new fixed monitors would require minor adjustments to plumbing, electrical and alarm hook ups, and the wall mounting hardware. In addition, the monitor in building 996 would require installation of a sampling line and a return line, installation of a signal line into the radiation protection office, installation of a 110 volt power line, and installation of mounting hardware.

The obsolete monitors that would be replaced are alpha contaminated and would be decontaminated prior to retirement. After decontamination, the monitors would be sent to the Radiation Instrument Shop for maintenance and calibration prior to storage. When there is no further use for the units, they would be placed in surplus.

The anticipated cost of purchasing the equipment and replacing the existing units is \$415,000.


Categorical Exclusion to be applied:

Actions involving routine maintenance of DOE owned or operated facilities (Section D, DOE Guidelines, 52 FR 47668).

SECTION D DETERMINATION
CATEGORICAL EXCLUSION (CX) DETERMINATION - RFO/CX011-92
Tritium Monitor Replacement


I have determined that the proposed action meets the requirements for the CX as defined in Section D of DOE NEPA Guidelines. Therefore, I approve the categorical exclusion of the proposed action from further NEPA review and documentation.

Date 5/7/92

Signature: 
Title: for Terry A. Vaeth
Manager, Rocky Flats Office


Program Sponsor:

Date: 5/7/92

Signature: 
Title: Shirley J. Olinger
Director, Safety Division

I have reviewed this action and my finding is that the CX is the appropriate level of NEPA Documentation.

Date May 4, 1992

Signature: 
Title: Patricia M. Powell
NEPA Compliance Officer

EC 391305